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JUNE 17.

The President, Dr. RUSCHENBERGER, in the chair.

Twenty-eight persons present.

The death of Wm. Adamson, a member, was announced.

On Rhizopods occurring in Sphagnum.—As an instance of the abundance of Rhizopods frequently found together in Sphagnum, Prof. LEIDY stated that he had recently collected some from a cedar swamp near Malaga, Gloucester County, N. J., and in the water and sediment expressed from a small bunch, he had observed the following forms:—

1. *Diffugia pyriformis*. Var. *a*. with shell of coarse sand; var. *b*. with shell of chitinous membrane with incorporated diatoms and sand. Occasional.
2. *D. acuminata*. Var. with shell of chitinous membrane incorporated with variable proportions of diatoms and sand. Occasional.
3. *D. constricta*. Syn. *D. cassis*. Several varieties. Frequent.
4. *D. arcuata*. Shell hemispherical, of yellowish chitinous membrane, with incorporated sand; mouth trilobate. Occasional.
5. *D. globulosa*. Small forms. Frequent.
6. *D. spiralis*. Rare.
7. *Nebela collaris*. Syn. *N. numata*. Of many varieties, of different sizes and proportions. Some in the structure of the shell related with *Diffugia*. Abundant.
8. *N. flabellulum*. Few.
9. *N. barbata*. Occasional.
10. *N. ansata*. Occasional.
11. *N. carinata*. Rare.
12. *N. caudata*. Rare.
13. *N. RETORTA*, n. s. A single active living specimen. Shell retort form, nearly like that of *Cyphoderia ampulla*, but laterally compressed, and having the structure as in *N. collaris*. Length 0.144 mm., greater breadth 0.072; lesser breadth 0.036; breadth of mouth 0.027 mm.
14. *Arcella vulgaris*. Few.
15. *A. discoides*. Frequent.
16. *A. mitrata*. Rare.
17. *Heleopera picta*. Occasional.
18. *H. petricola*. Less frequent than the former, but more so than previously observed. Shell incorporated with variable proportions of sand.
19. *Quadrula symmetrica*. Occasional.

20. *Centropyxis aculeata*. Occasional.
 21. *C. ecornis*. Frequent.
 22. *Hyalosphenia papilio*. Not so abundant as usual.
 23. *H. elegans*. Not so abundant as usual.
 24. *Euglypha ciliata*. Frequent. Small ones and some of the larger ones hairless.
 25. *E. cristata*. Frequent.
 26. *E. brachiata*. Occasional.
 27. *E. mucronata*. Occasional. Several without the mucro.
 28. *Assulina seminulum*. Syn. *Euglypha brunnea*; *E. tincta*. Frequent.
 29. *Sphenoderia lenta*. Syn. *Euglypha globosa*. Frequent.
 30. *S. MACROLEPIS*, n. s. First observed. Small, compressed pyriform, with broad neck. Body on the broader surfaces with a single pair of wide hexagonal plates. Length 0.036 mm.; breadth 0.024 mm. Frequent.
 31. *Cyphoderia ampulla*. Syn. *C. margaritacea*. Rare.
 32. *Trinema enchelys*. Numerous and of much variety. Several of a brown color, as in *Arcella*.
 33. *Placocista spinosa*. Syn. *Euglypha spinosa*. Rare.
 34. *Pseudodifflugia gracilis*. Syn. *Pleurophrys sphaerica*. Oval form. Occasional.
 35. *Clathrulina elegans*. Detached and dead, or in an encysted condition. Few.
 36. *Hyalolampe fenestrata*. Few.
 37. *Acanthocystis* ———? Colorless, and with simple, delicate unforked spines. Few.
 38. *Amphizonella violacea*? A single individual.
 39. *Amoeba radiosa*. Rare.
 40. *Amoeba* ———? Young of *A. proteus*. Rare.
- With the foregoing there were associated many desmids, diatoms, rotifers, anguillulas, etc.

JUNE 24.

The President, Dr. RUSCHENBERGER, in the chair.

Seventeen members present.

Note on Lonas inodora.—Mr. THOMAS MEEHAN exhibited specimens of this Mediterranean plant, an escape from a garden, found growing wild in a swamp in association with *Iris versicolor*, *Onoclea sensibilis*, and other moisture-loving plants. They had made a growth of near two feet long, and the heads of flowers in all cases had ray florets, with the ligulate portions an inch in length. In garden culture the heads were nearly discoid, the ray petals being almost obsolete, and in De Candolle's description the discoid heads are given as a generic character.